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BUREAU OF MARKETS AND CROP ESTIMATES,  
UNITED STATES DEPARTMENT OF AGRICULTURE,  
WASHINGTON, D.C.

December 15, 1921.

## FOREIGN CROP AND LIVE STOCK REPORTS.

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SUMMARY OF FOREIGN CROP PROSPECTS.

The harvesting of the cereal crops is now commencing in the Southern Hemisphere and much interest is being manifested in the outcome. Growing conditions have continued very favorable throughout Argentina during October and November and have in a large measure offset the lateness of the planting season and the poor start caused by the drought. The official estimates for the current season

1921-22 for the area of wheat are 13,927,000 acres, or 92.8 percent of 1920-21; the area of oats for 1921-22 is 2,105,000 acres, or 102.2 percent of 1920-21; and that of linseed for

1921-22 is 3,892,000 acres, or 111.7 percent of 1920-21. No official estimate for the 1921-22 production is as yet available, but an unofficial estimate gives the probable yield of wheat as 13.3 bushels per acre compared with 12.4 bushels in 1920-21, that of oats 32.1 bushels per acre compared with 23.1 in 1920-21 and linseed 9.9 bushels per acre compared with 12.3 in 1920-21.

The prospects for the current Australian wheat crop are very good and almost equal to that of last year. The preliminary official estimate for the crop for 1921-22 is

146,614,000 bushels, or 99.9 percent of 1920-21 and 129.1 percent of the five year average for 1915-16 to 1919-20. Reports are equally favorable from the Union of South Africa and preliminary estimates of the production for 1921-22 are 8,394,000 bushels, or 103.5 percent of 1920-21 and 125.9 percent of the five year average for 1915-16 to 1919-20. The area sown to wheat in New Zealand for the current year is reported to be greatly increased over last year and unofficial estimates place the probable production as high as 10,000,000 bushels compared with 6,674,000 bushels in 1920-21.

The rainfall has generally been quite satisfactory throughout most districts of British India and a fair to good yield of next spring's crops is now assured. The area sown to wheat is reported to be considerably larger than last year and the condition of the crops is promising, especially in the Central Provinces. Due to the poor yield of last year, grain, pulse, and flour imports have been exempted from Custom duties up to June 30, 1922. The condition of rice is

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SUMMARY OF FOREIGN CROP PROSPECTS.-CONT'D.

reported as very good in the Central Provinces and normal to good elsewhere. The condition of the cotton crop is on the whole good except in some districts of southern India and in parts of western and northern India where the rainfall has been deficient and interfered somewhat with seeding. The second forecast published by the Indian Department of Statistics based on reports furnished by Provinces and States which comprise the entire cotton area of British India and which relates generally to sowings made up to October 1, states that the total area so far reported this year amounts to 16,103,000 acres compared with 18,228,000 acres, the estimate made at the same date last year.

The fall sown cereal crops are entering the winter in fair condition throughout Central Europe although the dry autumn has probably curtailed the acreage somewhat. Recent snow has relieved the drought in France, but although seeding has been resumed with the advent of warmer weather the lateness of the season will probably prevent some desired sowing. Fields already sown have germinated poorly due to the long drought. Recent rains have been of great benefit in North Africa and greatly stimulated seeding. The winter wheat crop has entered the winter in good condition in Canada and some increase in acreage is reported. The total area estimated as sown to fall wheat for the season of 1922 is 842,400 acres as compared with 792,200 acres sown last year and with 720,635 harvested acres. The area sown this fall represents an increase of 6 percent over the area sown last year and of 17 percent over the area harvested. The condition of winter wheat in the United States continues good throughout the North Central States, but continues to deteriorate in southern Nebraska and Kansas due to the drought. The condition in Washington and Oregon has been benefited by recent rains and snow.

The digging of the potato crop is practically completed throughout the Northern Hemisphere. Due to the long drought and hot weather of the summer and autumn, the yield is generally less than that of 1920. The total yield for 1921 for 19 countries for which estimates are available is 2,510,563,000 bushels compared with 2,817,976,000 bushels for 1920. The tubers are generally small but of good quality and less disease than usual is reported.

CROPS IN GENERAL.

## AUSTRIA:

Area and Production, 1921 and 1920.

Crop.	Area.		Production.	
	1921.	1920.	1921.	1920.
	1000	1000	1000	1000
	Acres.	Acres.	Bushels.	Bushels.
Wheat .....	378	371	7,746	5,424
Rye .....	759	711	15,672	10,046
Barley .....	267	258	6,591	4,392

(Consular Letter).



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CROPS IN GENERAL, -CONT'D.

ITALY:

Production 1921 and 1920.

Crop.	1921 (preliminary).	1920.
	<u>Bushels.</u>	<u>Bushels.</u>
Wheat .....	188,416,000	141,560,000
Rye .....	4,784,000	4,248,000
Barley .....	10,752,000	5,728,000
Oats .....	30,800,000	19,688,000
Corn .....	88,320,000	83,472,000
Potatoes .....	56,000,000	53,099,000
Horse Beans .....	14,933,000	9,688,000
	<u>Pounds.</u>	<u>Pounds.</u>
Rice (cleaned) .....	649,877,000	623,881,000

(Italian Ministry of Agriculture quoted in The London Grain, Seed and Oil Reporter).

SPAIN:

Area and Production of Principal Crops, 1920 and 1921.

Crop.	Area.		Production.	
	1921.	1920.	1921.	1920.
	<u>1000 Acres.</u>	<u>1000 Acres.</u>	<u>1000 Bushels.</u>	<u>1000 Bushels.</u>
Wheat .....	10,350	10,255	143,205	138,606
Barley .....	4,261	4,319	94,487	90,463
Oats .....	1,527	1,588	40,035	37,772
Rye .....	1,758	1,799	27,768	27,830
Corn .....	1,181	1,168	28,048	27,692
Potatoes .....	789	841	102,225	107,834
S			<u>1000 tons</u>	<u>1000 tons.</u>
Sugar beets ....	134	177	1,578	1,352
			<u>1000 pounds.</u>	<u>1000 pounds.</u>
Olives .....	3,941	3,883	3,940,260	3,664,940

(International Institute of Agriculture.)

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CROPS IN GENERAL, -CONT'D.

BULGARIA:

Area and Production 1921 and 1920.

Crop.	Area.		Production.	
	1921, May 1	1920	1921, May 1	1920
	estimate.	(Preliminary).	estimate.	(Preliminary).
	1000 Acres.	1000 Acres.	1000 Bushels.	1000 Bushels.
Wheat .....	2,361	2,131	42,509	39,704
Rye .....	489	452	8,390	9,798
Maslin .....	278	228	5,540	5,246
Barley. ....	551	545	13,241	13,926
Oats .....	407	332	11,271	10,125
Spelt .....	23	27	505	798
Millet .....	27	31	431	665
Corn .....	1,418	1,399	34,385	34,427
			1000 pounds.	1000 pounds.
Rice, (Cleaned) ..	7	6	6,237	5,645

(Bulletin Statistique Mensuel, Bulgaria).

ENGLAND AND WALES:

Area, Production and Average Yield per Acre in 1921 and 1920.

Crops.	Area.		Yield per acre.		Production.	
	1921.	1920.	1921.	1920.	1921.	1920.
	1000 Acres.	1000 Acres.	Bushels.	Bushels.	1000 Bushels.	1000 Bushels.
Wheat .....	1,976	1,875	35.3	28.5	69,784	53,352
Barley .....	1,436	1,637	22.6	31.0	42,472	50,680
Oats .....	2,147	2,266	37.3	37.9	80,176	85,968
Mixed Grain .....	135	146	33.8	33.1	4,560	4,848
Beans .....	237	246	26.2	31.1	6,224	7,656
Peas .....	106	129	23.7	27.4	2,504	3,544
					1000	1000
Hay (clover sainfoin; grasses under rotation) .....	1,757	1,674	1.4	1.7	2,399	2,894
Hay (permanent meadows) .....	4,053	4,395	.9	1.5	3,531	6,302
						?

(Ministry of Agriculture and Fisheries, England).

## FOREIGN CROP AND LIVE STOCK REPORTS, CONT'D.

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CROPS IN GENERAL, CONT'D.

## CHILE:

Areas sown during season 1921-22.

Crops.	Area,	Percentage of	Percentage of
	1921-22.	1920-21.	average 1915-16 to 1919-20.
	1000 acres.	Per cent.	Per Cent.
Wheat .....	1,139	98.9	84.6
Barley .....	119	85.6	77.6
Oats .....	98	175.4	112.0

(International Institute of Agriculture).

## URUGUAY:

Area of Undermentioned Crops, 1921 and 1920.

Crop.	1921-22.	1920-21.
	Acres.	Acres.
Wheat .....	741,000	670,000
Flaxseed .....	72,000	81,000
Oats .....	113,000	76,000
Barley .....	5,000	11,000

(Agricultural Commissioner, Bureau of Markets and Crop  
Estimated).LIVE STOCK.

## NEW ZEALAND:

Sheep, 1921, 1920 and 1919.

Class.	Number on April 30.		
	1921.	1920.	1919.
Stud rams, two-tooth and over .....	16,376	13,553	13,541
Flock rams, two-tooth and over .....	305,768	293,068	307,763
Wethers, two-tooth and over .....	3,634,799	3,901,742	3,922,632
Breeding ewes .....	12,147,788	11,569,675	12,341,900
Dry ewes .....	1,345,819	1,824,194	1,811,397
Lambs .....	5,834,481	6,317,738	7,431,321
Totals .....	23,285,031	23,919,970	25,828,554

(Annual Sheep Returns; New Zealand).



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LIVE STOCK, -CONT'D.

SPECIFIED COUNTRIES:

CATTLE.

Country.	Pre-war Estimate.		Recent Estimate.	
	Date.	Number.	Date.	Number.
		<u>1000</u>		<u>1000</u>
United States				
On farms . . . . .	Jan. 1, 1914 :	56,592	Jan. 1, 1921 :	66,191
Not on farms . . . . .	April 15, 1910 :	1,879		.....
Canada . . . . .	June 30, 1913 :	6,656	1921 :	10,206
Argentina . . . . .	Dec. 31, 1913 :	30,796	Dec. 31, 1920 :a	27,000
Brazil . . . . .	1912-13 :b	30,705	1918 :a	37,500
Chile . . . . .	1913 :	2,084	1919 :	2,163
Paraguay . . . . .	1913 :	4,572	Dec. 31, 1918 :	5,500
Uruguay . . . . .	1908 :	8,193	April 20, 1916 :	7,803
Venezuela . . . . .	1912 :	2,004	1920 :a	2,238
Austria . . . . .	Dec. 31, 1910 :c	9,159	1918 :a	1,633
Hungary . . . . .	April 30, 1913 :	6,045	1918 :a	4,446
Belgium . . . . .	Dec. 31, 1913 :	1,849	1920 :	1,292
Bulgaria . . . . .	1912 :	852		.....
Czecho-Slovakia . . . . .		.....	Dec. 31, 1920 :	4,213
Denmark . . . . .	July 15, 1914 :	2,463	July 15, 1921 :	2,591
Finland . . . . .	1913 :d	1,178	May 30, 1918 :	1,400
France e . . . . .	Dec. 31, 1913 :	14,807	Dec. 31, 1920 :	13,217
Germany e . . . . .	Dec. 1, 1913 :	20,994	Dec. 1, 1920 :	16,790
Greece . . . . .	1914 :	300	1918 :	527
Italy . . . . .	1914 :b	6,646	April 6, 1918 :b	6,264
Netherlands . . . . .	June, 1913 :	2,097	March, 1919 :	1,969
Norway . . . . .	Sept. 30, 1910 :	1,134	June 30, 1918 :f	1,038
Roumania . . . . .	1911 :bc	2,667	1919 :b	4,604
Russia (European) g . . . . .	Summer, 1914 :	32,704		.....
Poland . . . . .	" 1914 :	2,014		.....
Portugal . . . . .	October 1906 :	703	March, 1920 :	741
Serbia . . . . .	Dec. 31, 1910 :	957		.....
Spain . . . . .	1913 :	2,879	1921 :a	3,718
Sweden . . . . .	Dec. 31, 1913 :	2,721	June 1, 1919 :	2,551
Switzerland . . . . .	April 21, 1911 :	1,433	1921 :a	1,425
United Kingdom . . . . .	1913 :	11,937	June 4, 1921 :	11,854
British India . . . . .	1913-14 :	124,965	1919-20 :	117,428
Japan . . . . .	Dec. 31, 1913 :	1,389	Dec. 31, 1918 :	1,307
Chosen . . . . .	Dec. 31, 1913 :	1,211	Dec. 31, 1918 :	1,480
Formosa . . . . .	Dec. 31, 1913 :b	419	Dec. 31, 1918 :b	385
Russia (Asiatic) h . . . . .	Summer, 1914 :	18,817		.....
Madagascar . . . . .	1914 :	5,885	Dec. 31, 1919 :a	7,278
Union of South Africa . . . . .	Dec. 31, 1911 :	5,797	1920 :i	5,975
Australia . . . . .	Dec. 31, 1913 :	11,484	Dec. 31, 1919 :	12,711
New Zealand . . . . .	April, 1911 :	2,020	1921 :	3,113

- a. Unofficial estimate. b. Buffaloes included. c. Old Boundaries.  
d. Exclusive of animals under 2 years. e. Alsace Lorraine included with France in 1920 and with Germany in 1913.  
f. Incomplete.  
g. 51 governments, Poland excluded. h. 33 governments of the Caucasus Central Asia and Siberia.  
i. Exclusive of native locations, reserves etc.



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LIVE STOCK, -CONT'D.

SPAIN:

Number on Hand 1920 and 1919.

Live Stock.	1920.	1919.
Cattle .....	3,397,000	3,174,000
Swine .....	4,229,000	4,107,000
Sheep .....	19,337,000	17,735,000
Goats .....	3,971,000	3,686,000
Horses .....	594,000	577,000
Mules .....	1,069,000	1,049,000
Asses .....	1,014,000	916,000

(International Institute of Agriculture).

ROUMANIA:

Number on Hand in Former Kingdom and Bukowina.

Classification:	Former Kingdom.		Bukowina.	
	1919.	1916.	1919.	1910.
	1000	1000	1000	1000
Cattle and Buffaloes:	1,863	2,938	a 181	a 334
Swine .....	822	1,402	88	219
Sheep .....	3,306	7,751	100	189
Goats .....	182	301	8	3
Horses .....	603	1,219	36	70
Mules and asses ...	1	13	b	b

a. Cattle only.

b. Less than 500.

(International Institute of Agriculture).

WHEAT.

NEWZEALAND:

The estimated area for wheat for 1921-22 is 363,000 acres compared with 223,000 acres in 1920-21.

(New Zealand Gazette);

OATS.

NEW ZEALAND:

The estimated area for oats for 1921-22 is 470,000 acres compared with 575,000 acres in 1920-21.

(New Zealand Gazette).

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SUGAR BEETS.

HOLLAND:

The production of sugar beets is unofficially estimated at about 2,548,000 short tons in 1921 compared to 2,320,000 short tons last year.

(Consular Report).

RICE.

JAPAN:

The rice crop was evidently damaged by the rains and typhoons more than was at first expected, for the latest estimates reduce the probable yield to only 17,278,556,000 pounds as against a yield of about 19,791,800,000 last year which is approximately the annual consumption.

(Commerce Reports).

EGYPT:

The production of rough rice for 1921 is estimated at 732,148,000 pounds or 160.4 per cent of 1920 and 102.5 per cent of the preceding five-year average.

(International Institute of Agriculture).

BRITISH INDIA:

The first rice forecast, which contains about 99 per cent of the total rice area in British India, is reported to be 74,132,000 acres which is nearly 2 percent above the revised estimate (72,924,000 acres) for the corresponding figure of last year. The present condition and prospects of the crop, on the whole, are reported to be good.

(Department of Statistics, India).

OLIVE OIL.

ITALY:

The 1921 production of olive oil in Italy is given as 374,782,000 pounds (49,971,000 gallons) or 99.4 percent of 1920 and 97.0 percent of the preceding five-year average.

(International Institute of Agriculture).

TUNISIA:

The 1921 production of olive oil in Tunisia is given as 74,956,000 pounds (9,994,000 gallons) compared with 88,184,000 pounds (11,758,000 gallons) in 1920.

(Consular Letter).

COTTON.

SPECIFIED COUNTRIES:

Area and Production 1921 and 1920.

Country.	Area.		Production a.	
	1921 b.	1920.	1921 b.	1920.
	1000 acres.	1000 acres.	1000 bales.	1000 bales.
United States .....	26,519	36,383	8,340	13,440
British India .....	c	21,016	.....	2,845
Egypt .....	1,341	1,898	684	1,251

a. Bales of 500 pounds gross weight. b. Estimates.

c. Sowings to October 1 were 16,103,000 acres compared with 18,328,000 acres at the same date in 1920.

## FOREIGN CROP AND LIVE STOCK REPORTS, -CONT'D.

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POTATOES.

## SPECIFIED COUNTRIES:

Area and Production, 1920 and 1921.

Country.	Area.		Production.	
	1921.	1920.	1921.	1920.
	1000 acres.	1000 acres.	1000 bushels.	1000 bushels.
United States .....	3,972	3,929	356,076	428,368
Canada .....	702	785	110,895	133,831
Chile .....	94	77	11,837	10,944
Austria .....	.....	2290	.....	24,600
Belgium .....	419	366	93,366	82,913
Bulgaria .....	19	15	1,650	932
Czecho-Slovakia .....	1,517	1,494	.....	183,813
Denmark .....	208	228	.....	43,887
Finland .....	198	208	18,245	17,865
France .....	3,349	3,342	.....	379,034
Germany .....	6,620	6,079	985,247	1,037,954
Hungary .....	656	628	42,548	75,968
Italy .....	741	744	55,116	52,261
Jugo-Slavia .....	.....	349	.....	38,452
Luxemburg .....	33	33	2,572	5,288
Netherlands .....	430	421	84,767	91,304
Norway .....	130	130	27,305	31,076
Roumania .....	359	<sup>b</sup> 248	<sup>a</sup> 48,134	<sup>c</sup> 3,226
Poland .....	<sup>d</sup> 4,410	4,062	<sup>d</sup> 524,846	644,920
Spain .....	789	841	102,225	107,834
Sweden .....	363	367	62,391	61,640
Switzerland .....	113	123	25,373	28,256
United Kingdom .....	1,279	1,291	.....	237,437
Japan .....	.....	334	.....	47,277
Algeria .....	46	42	1,029	985
Tunis .....	3	3	239	235
Union of South Africa ..	.....	.....	.....	3,127
New Zealand .....	22	25	4,841	5,402

a. Unofficial does not include those grown in fields, planted primarily with other crops.

b. Former Kingdom, Bessarabia, Bukowina and Transylvania.

c. Bessarabia only.

d. Excluding eastern territory assigned under treaty of Riga.

WORLD CROP SUMMARY.

(Incomplete, based upon the best information available up to December 14, 1921.)

Crop.	Number of countries.	Production (millions of bushels).			
		1921-22.	1920-21.	Average 1914-18.	Average 1909-13.
Wheat .....	23	2,650	2,501	2,500	2,492
Rye .....	16	538	443	552	670
Oats .....	19	2,526	3,058	2,862	2,804
Barley .....	21	727	722	768	793
Corn .....	8	3,368	3,466	2,987	2,946
Potatoes .....	12	1,899	2,101	2,333	2,604
Cotton (bales) ..	2	9	15	14	14
Flax .....	6	25	36	38	52



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## WORLD CROP SUMMARY, -CONT'D-

Crop.	Area (millions of acres).				
	Number of countries.	1921-22.	1920-21.	Average 1914-18.	Average 1909-13.
Wheat .....	28	192	189	190	174
Rye .....	20	27	23	26	28
Oats .....	22	93	91	87	83
Barley .....	20	29	29	29	29
Corn .....	10	119	115	117	115
Potatoes .....	19	30	19	20	21
Cotton .....	3	44	52	58	60
Flax .....	11	8	10	10	11

In this table the Northern Hemisphere crops and the following Southern Hemisphere crops are combined in the 1921-22 and 1920-21 totals.

## STOCKS OF CANADIAN GRAIN.

Quantity of Wheat and Other Grain in Store at Western Country Elevators, Interior Terminal Elevators, Public and Private Terminal Elevators at Fort William and Port Arthur and Public Elevators in the East; also United States Lake Ports and United States Atlantic Seaboard Ports on November 25th 1921, with comparison for last year.

November 25th, 1921.	Wheat, Bushels.	Other Grain Bushels.	Total Bushels.
Country Elevators .....	26,915,866	9,897,877	36,813,743
Interior Terminals .....	1,722,677	1,207,728	2,930,405
Public and Private Terminal Elevators, Ft. William and Pt. Arthur .....	23,525,050	6,094,024	29,619,074
Winnipeg Private Terminals ..	444,042	44,680	488,722
Public Elevators in the East ..	9,618,962	5,406,005	15,024,967
United States Lake Ports ....	13,594,966	520,868	14,115,834
United States Atlantic Sea- board Ports .....	3,833,691	341,117	4,174,808
Totals .....	79,655,254	23,512,299	103,167,553
November 26th, 1920.	Wheat, Bushels.	Other Grain Bushels.	Total Bushels.
Public Terminal Elevators ..	14,336,152	5,644,454	19,980,606
Private Terminal Elevators ..	1,110,870	1,250,775	2,361,645
Interior Terminal Elevators ..	250,164	453,427	703,591
Country Elevators .....	28,874,004	12,496,639	41,370,643
United States Atlantic Sea- board Ports .....	608,884	64,932	673,816
Public Elevators in the East ..	4,808,561	2,481,778	7,290,339
Totals .....	49,988,635	22,392,005	72,380,640

(Dominion Bureau of Statistics, Canada)

NAT C. MURRAY,  
Chief Statistician,  
In Charge Division of  
Agricultural Statistics and Prices.